



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	8
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2E
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/eep-2e-308-cln.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	4.8 mOhm
Insert configuration value	2E.308 - 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	9 A
Vtest	800 V (AC), 1200 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.9 mm (0.0354in)
Number of contacts Low Voltage	8

Form & Material

Shell style / Model id	EEP - Fixed receptacle, nut fixing, with straight contact for printed circuit (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey
Weight	33.19 g

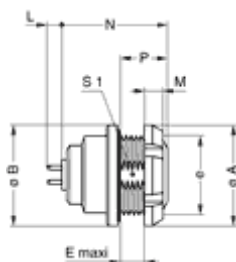
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Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

Drawings



Dimensions

	A	B	e	Emax	M	N	P	S1
mm.	25	25	M20x1	6.5	3.5	24	10	18.5
in.	0.98	0.98		0.26	0.14	0.94	0.39	0.73

Recommended By Lemo

Accessories

Compatible cap

[BRE.2K.200.NAS](#)

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